U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE 14.0237-PCT-US U.S. APPLICATION NO. (IF FO see 37 CFR 1.5 Bib coscinenty U4 INTERNATIONAL FILING DATE PRIORITY DATE LAIMED 26 March 2003 26 March 2004

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. PCT/GB04/01378 TITLE OF INVENTION PROCESSING SEISMIC DATA REPRESENTATIVE OF THE ACCELERATION WAVEFILED APPLICANT(S) FOR DO/EO/US James Martin, Andreas W. Laake Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1. X This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 37 This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. L The US has been elected by the expiration of 19 months from the priority date (Article 31). 5. X A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (ROMS). 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). 7. Amendments to the claims of the International Aplication under PCT Article 19 (35 U.S.C. 37 (c)(3)) are attached hereto (required only if not communicated by the International Bureau) have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. 8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (Copy of unexecuted document) 10. An English lanugage translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. A FIRST preliminary amendment. 14. A SECOND or SUBSEQUENT preliminary amendment. 15. A substitute specification. 16. A change of power of attorney and/or address letter. 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825. A second copy of the published international application under 35 U.S.C. 154(d)(4). 18. 19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. Other items or information:

FORM PTO-1390 (REV. 12-2001)

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21. The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):				1	
Neither international preliminary examination fee (37 CFR 1.482)					
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1040.00					
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Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above				s	
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EXPRESS MAIL CERTIFICATE

"EXPRESS MAIL" LABEL NO. EV619162681US Date of Deposit: ০ ৭/১১/১০১১
I hereby certify that these papers and/or fees are being deposited with the United States
Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above, addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. The following documents are enclosed:
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-Form PTO-1390 - Transmittal Letter to the United States Designated/Elected Office Concerning a Filing Under 35 U.S.C. 371;

-Priority Application as originally filed;

-Unsigned Declaration / Power of Attorney document;

- -Application as originally filed in the PCT;
- -International Search Report and
- -Return Receipt Postcard

Signature: REBECCA TANIS

Date of Signature: ________________